

MAXIM MILOVANOV

Full-Stack Developer

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Senior-level development background with deep experience across diverse team environments – from an agile distributed team (20+ people) to large enterprises (1000+ devs). Delivered large-scale systems serving millions of users — including a custom CMS with analytics dashboard (3M+ users) and an actively developed electronic document management system (15M+ users). Experience communicating directly with a customer, collecting requirements, and designing and implementing functionalities without technical specification requirements. Proven ability to self-manage complex projects, structure work effectively, prioritize tasks based on business impact, and consistently deliver quality solutions within tight deadlines. Adept at working independently while maintaining clear communication with stakeholders and adapting priorities as project requirements evolve.

EXPERIENCE

Lead Software Engineer (Python/SQL/PostgreSQL), 2025-..., Tensor

Key responsibilities:

- Design and develop internal company APIs to enhance system integration and functionality
- Optimize Python code and SQL queries for improved performance and scalability
- Collaborate closely with cross-functional teams to align solutions with business needs

Full-Stack Python/Django/React Developer, Team Lead, 2017-2025, Ivelum

- **Designed and built custom email builder** reducing daily newsletter creation time from 4-5 hours to 30 minutes, significantly improving operational efficiency
- **Led migration projects** from Windows/.NET/SQL Server to Linux/Python/Django/PostgreSQL stack, modernizing legacy news sites and custom CMS infrastructure
- **Migrated complex data-driven react-table component** from v7 to v8, resolving breaking changes and implementing asynchronous full data export, enabling users to export large datasets without disrupting application performance.
- **Developed React applications** using TypeScript and connected to GraphQL APIs built with Django and Graphene, improving user experience and application performance
- **Implemented comprehensive testing strategy** using Playwright, migrating legacy Selenium tests and achieving more than 80% test coverage across the application
- **Created media asset manager** with React frontend supporting image crops, duplicate detection, AWS Rekognition auto-tagging, and PostgreSQL full-text search
- **Utilized AI development tools** (Cursor, GitHub Copilot, JetBrains Junie) to streamline development processes and enhance team productivity

- **Migrated analytics dashboard** from ASP.NET MVC/SQL Server to React/Django/Amazon Redshift architecture
- **Led development team** of 5-7 developers using Agile methodologies and modern project management tools

Full-Stack C#/ASP.NET MVC developer, Team Lead, 2007-2017, Ivelum

- **Developed and maintained** news sites and analytics dashboard serving 3M+ registered users using ASP.NET MVC, Entity Framework, and MS SQL Server
- **Designed asynchronous APIs** for mobile applications improving performance and user experience
- **Built custom comment system** with React widget frontend and asynchronous API backend
- **Implemented mass mailing system** processing 10-15 million emails monthly with high deliverability rates
- **Established CI/CD pipeline** using TeamCity with unified codebase and version control using Git, SVN
- **Contributed to open-source** by developing and maintaining "cake-yarn" Cake plugin

Backend PHP developer, 2006-2007, PromoGroup

- **Developed web applications** using custom-built CMS and MySQL database on PHP platform
- **Maintained and supported** multiple client websites with focus on performance and reliability

TECHNICAL SKILLS

Backend Development:

- Python/Django (5+ years), Linux, Docker containerization
- C#/ASP.NET WebForms/MVC/.NET Core (10+ years), Windows Server, IIS
- Database design and optimization: PostgreSQL, MS SQL Server, MySQL, Amazon Redshift
- API development: REST, GraphQL, asynchronous processing

Frontend Development:

- JavaScript ES2019+, React, TypeScript, HTML5, CSS3, SASS
- Build tools: Webpack, Babel, npm, yarn, gulp
- Testing: Jest, Playwright, Selenium
- UI/UX: Figma, Adobe XD, responsive design

Cloud & Infrastructure:

- AWS Services: EC2, ECS, RDS, S3, CloudFormation, CloudFront, SQS, SNS, Rekognition

- CI/CD: TeamCity, Jenkins, GitHub Actions
- Monitoring: Sentry, Datadog, NewRelic, CloudWatch
- Version Control: Git, GitHub, SVN

Leadership & Management:

- Team leadership (7+ years experience, 5-7 team members)
- Agile methodology, Scrum, Kanban implementation
- Project management tools: JIRA, Trello, Slack, MS Teams
- Client communication and requirements gathering

EDUCATION

Master's Degree, Faculty of Electronic Warfare, Institute of Radioelectronics, Voronezh, Russia

LANGUAGES AND ADDITIONAL INFORMATION

- **English:** B2 (Upper-Intermediate)
- **Serbian:** B1 (Intermediate)
- **Russian:** native
- **Work Authorization:** Available for contract work
- **Current Location:** Tbilisi, Georgia
- **Remote Work:** Experienced in distributed team collaboration